

世界知识产权组织标准委员会（CWS）

第七届会议

2019年7月1日至5日，日内瓦

修订产权组织标准 ST. 37

国际局编拟的文件

导 言

1. 在 2017 年举行第五届会议上，产权组织标准委员会（CWS）通过了产权组织标准 ST. 37——“关于已公开专利文献权威文档的建议”，还附有国际局编者按如下：

“权威文档工作队正在编写本标准的附件三和附件四，其中会界定 XML 架构（XSD）和数据类型定义（DTD），计划提交给产权组织标准委员会（CWS）2018 年第六届会议审议批准。”

“在标准委员会通过上述附件之前，对本标准的唯一建议格式为文本。”

（见文件 CWS/5/22 第 60 和 61 段）。

2. 在 2018 年举行的第六届会议上，标准委员会根据权威文档工作队（AFTF）的提案批准了经修订的产权组织标准 ST. 37，其中包括新的附件三 - XSD 和附件四 - DTD（见文件 CWS/6/19 和文件 CWS/6/34 第 122 和 123 段）。由于标准委员会在第六届会议上批准了这些修订并拟议了新附件，对第 51 号任务的说明进行了更新，使其与标准的管理直接相关（见文件 CWS/6/18）。

3. 在 2018 年举行的第六届会议上，标准委员会批准了删除“国际局的编者按”和第 51 号任务的修订说明：“确保产权组织标准 ST. 37 的必要修订和更新”。

拟作修订总结

4. 国际局在第 51 号任务的框架内与权威文档工作队成员进行协商，编拟了一份关于修订产权组织标准 ST. 37 的提案。拟议修改在下文进行了总结。更多详情见本文件附件。

5. 产权组织标准 ST. 37 的拟议修改可总结如下：

(a) 对 ST. 37 主体第 9 段 (c) 项作出修改，删除关于申请识别元素的文献类型编码。这是为了澄清，类型编码对于该元素只是可选项。产权组织 ST. 37 第 9 段 (c) 项修改如下：

9(c) application identification of the corresponding publication, which should contain the following sub-elements:

v. two-letter alphabetic code of the IPO publishing the application;

vi. application number;

~~vii. kind-of-document-code; and~~

viii. filing date.

(b) 对附件三 - XSD 中所有文献的全面修订。在权威文档数据集公布的第一阶段，从各工业产权局收到的反馈是，需要提供进一步说明，以了解这些字段的意义。新拟议的产权组织 ST. 37 附件三转录为本文件附件；

(c) 对产权组织标准 ST. 37 附件三和附件四的附录作出修改，进一步明确如何在权威文档中进行分组。XSD 和 DTD 目前的样例表示没有分组，但在同一标题下又表示分组的依据是文献类型编码。建议将关于 <group-category> 字段的内容从这两份附录中删除；

(d) 将附件三 - XSD 中的 PriorityClaimType 和 PriorityClaimBagType 分别更名为 PriorityApplicationIdentificationType 和 PriorityApplicationIdentificationBagType。这一改动是为了避免使用该元素时产生混淆，并确保与产权组织标准 ST. 37 主体第 9 段 (b) 项保持一致（见本文件附件）；以及

(e) 将目前架构（附件三）中提及的元素 AdditionalComment 替换为 com:CommentText，后者是产权组织标准 ST. 96 中的元素。所有 XML 架构都应优先重复使用 ST. 96 中已有的任何相关元素，而非创造新的元素（见本文件附件）。

6. 国际局进一步建议，将 ST. 37 附件三和附件四的附录内容，即 XML 样例，作为两份单独文件，在产权组织网站上提供下载，即《产权组织手册》第三部分，并在产权组织 ST. 37 中提供链接。这不仅将确保标准的篇幅得到精简，还将让标准的使用者更能利用这些样例。

7. 请标准委员会：

(a) 注意本文件的内容；

(b) 审议并批准上文第 4 段和第 5 段中总结并转录于本文件附件的产权组织标准 ST. 37 的拟议修订；

(c) 审议并批准上文第 6 段中将产权组织 ST. 37 附件三和附件四的附录内

容作为两份单独文件提供、在标准中提供链接的建议。

[后接附件]

ANNEX - XSD

```
<?xml version="1.0" encoding="UTF-8"?>
<xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:pat="http://www.wipo.int/standards/XMLSchema/ST96/Patent"
xmlns:com="http://www.wipo.int/standards/XMLSchema/ST96/Common"
targetNamespace="http://www.wipo.int/standards/XMLSchema/ST96/Patent"
elementFormDefault="qualified" attributeFormDefault="qualified">
  <xsd:import namespace="http://www.wipo.int/standards/XMLSchema/ST96/Common"
schemaLocation="Common V3 1 Custom.xsd"/>
  <xsd:import namespace="http://www.wipo.int/standards/XMLSchema/ST96/Common"
schemaLocation="AdditionalComment.xsd"/>
  <xsd:annotation>
    <xsd:documentation>As defined in WIPO ST.37 Authority File for patent documents,
which include patents for inventions, plant patents, design patents, inventors
certificates, utility certificates, utility models, patents of addition, inventors
certificates of addition, utility certificates of addition, and published applications
therefor<del>therefore</del>.</xsd:documentation>
  </xsd:annotation>
  <xsd:element name="AFLatestDocumentDate" type="com:DateType">
    <xsd:annotation>
      <xsd:documentation>Date of the most recent document listed in <del>this</del>
authority file<del>.</del></xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:element name="ApplicationFilingCategory"
type="pat:ApplicationFilingCategoryType">
    <xsd:annotation>
      <xsd:documentation>Describes the filing type of application i.e. PCT,
Regional or National<del>.</del></xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:simpleType name="ApplicationFilingCategoryType">
    <xsd:restriction base="xsd:token">
      <xsd:enumeration value="PCT">
        <xsd:annotation>
          <xsd:documentation>PCT</xsd:documentation>
        </xsd:annotation>
      </xsd:enumeration>
      <xsd:enumeration value="Regional">
        <xsd:annotation>
          <xsd:documentation>Regional</xsd:documentation>
        </xsd:annotation>
      </xsd:enumeration>
      <xsd:enumeration value="National">
        <xsd:annotation>
          <xsd:documentation>National</xsd:documentation>
        </xsd:annotation>
      </xsd:enumeration>
    </xsd:restriction>
  </xsd:simpleType>
  <xsd:element name="ApplicationIdentification"
type="pat:ApplicationIdentificationType">
    <xsd:annotation>
      <xsd:documentation><del>Identification of</del>Provides the information necessary to
identify a particular patent application. Refers to ST.9 INID Code 20.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:complexType name="ApplicationIdentificationType">
    <xsd:sequence>
      <xsd:element ref="com:IPOfficeCode"/>
      <xsd:element ref="com:ApplicationNumber"/>
      <xsd:element ref="com:ApplicantFileReference" minOccurs="0"/>
      <xsd:element ref="com:FilingLanguageCode" minOccurs="0"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:schema>
```

```
<xsd:element ref="pat:ApplicationFilingCategory" minOccurs="0"/>
<xsd:element ref="pat:InventionSubjectMatterCategory" minOccurs="0"/>
<xsd:element ref="pat:FilingDate" minOccurs="0"/>
</xsd:sequence>
<xsd:attribute ref="com:id"/>
</xsd:complexType>
<xsd:element name="AttachedPriorityDocumentIndicator" type="xsd:boolean" fixed="true">
  <xsd:annotation>
    <xsd:documentation>The A boolean which indicates whether the priority
document is attached to the application.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:element name="AuthorityFile" type="pat:AuthorityFileType">
  <xsd:annotation>
    <xsd:documentation>Authority File information Root element for the authority
file</xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:element name="AuthorityFileDataCoverage"
type="pat:AuthorityFileDataCoverageType">
  <xsd:annotation>
    <xsd:documentation>List of patent documents published by industrial
property offices grouped according to their ST.16 kind-of-document codes for a given date
range</xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:complexType name="AuthorityFileDataCoverageType">
  <xsd:sequence>
    <xsd:element ref="pat:PublicationDateRange"/>
    <xsd:element ref="pat:PublicationNumberRange" minOccurs="0"/>
    <xsd:element ref="pat:KindCodeCoverage" minOccurs="0"/>
    <xsd:element ref="pat:ExceptionCodeCoverage" minOccurs="0"/>
    <xsd:element ref="pat:DataCoverageURI" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
<xsd:element name="AuthorityFileDefinition" type="pat:AuthorityFileDefinitionType">
  <xsd:annotation>
    <xsd:documentation>Definition Provide definition file relates information
relating to the this associated authority file</xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:complexType name="AuthorityFileDefinitionType">
  <xsd:choice maxOccurs="unbounded">
    <xsd:element ref="pat:ExceptionCodeList"/>
    <xsd:element ref="pat:PatentDocumentKindCodeList"/>
    <xsd:element ref="pat:MostRecentDocument"/>
    <xsd:element ref="pat:AuthorityFileDataCoverage"/>
    <xsd:element ref="com:AdditionalComment CommentText"/>
    <xsd:element ref="com:DocumentLocationURI"/>
  </xsd:choice>
  <xsd:attribute ref="com:id"/>
  <xsd:attribute ref="pat:contentCategory" use="required"/>
  <xsd:attribute ref="pat:groupCategory"/>
  <xsd:attribute ref="pat:backupCategory" use="required"/>
</xsd:complexType>
<xsd:element name="AuthorityFileEntry" type="pat:AuthorityFileEntryType">
  <xsd:annotation>
    <xsd:documentation>Data elements to uniquely identify all types of patent
documents as originally published by the IP office</xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:complexType name="AuthorityFileEntryType">
```

```

    <xsd:sequence>
      <xsd:element ref="pat:PatentPublicationIdentification"/>
      <xsd:element ref="pat:ExceptionCode" minOccurs="0"/>
      <xsd:element ref="pat:ApplicationIdentification" minOccurs="0"/>
      <xsd:element ref="pat:PriorityClaimBagPriorityApplicationIdentificationBag"
minOccurs="0"/>
    </xsd:sequence>
    <xsd:attribute ref="com:id"/>
  </xsd:complexType>
  <xsd:complexType name="AuthorityFileType">
    <xsd:sequence>
      <xsd:element ref="pat:AuthorityFileDefinition" minOccurs="0"/>
      <xsd:element ref="pat:AuthorityFileEntry" maxOccurs="unbounded"/>
    </xsd:sequence>
    <xsd:attribute ref="com:officeCode" use="required"/>
    <xsd:attribute ref="com:creationDate"/>
  </xsd:complexType>
  <xsd:attribute name="backupCategory" type="pat:BackupCategoryType">
    <xsd:annotation>
      <xsd:documentation>Backup Category of Determines how updates to the
authority file will be performed e.g., incremental versus full.</xsd:documentation>
    </xsd:annotation>
  </xsd:attribute>
  <xsd:simpleType name="BackupCategoryType">
    <xsd:restriction base="xsd:token">
      <xsd:enumeration value="full">
        <xsd:annotation>
          <xsd:documentation>Full refresh of data every update
period.</xsd:documentation>
        </xsd:annotation>
      </xsd:enumeration>
      <xsd:enumeration value="incremental">
        <xsd:annotation>
          <xsd:documentation>Incremental update with only new data
provided since last update period.</xsd:documentation>
        </xsd:annotation>
      </xsd:enumeration>
      <xsd:enumeration value="differential">
        <xsd:annotation>
          <xsd:documentation>Differential update includes data not
previously supplied in any update period</xsd:documentation>
        </xsd:annotation>
      </xsd:enumeration>
    </xsd:restriction>
  </xsd:simpleType>
  <xsd:element name="BeginRangeNumber" type="xsd:string">
    <xsd:annotation>
      <xsd:documentation>Begin number of a publication number
range</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:attribute name="contentCategory" type="pat:ContentCategoryType">
    <xsd:annotation>
      <xsd:documentation>Content Provides an indication of whether the content
Category of authority file is grouped or not. The 'complete' indicates that it is not
grouped.</xsd:documentation>
    </xsd:annotation>
  </xsd:attribute>
  <xsd:simpleType name="ContentCategoryType">
    <xsd:restriction base="xsd:token">
      <xsd:enumeration value="complete">
        <xsd:annotation>
          <xsd:documentation>Complete or not grouped</xsd:documentation>
        </xsd:annotation>
      </xsd:enumeration>
    </xsd:restriction>
  </xsd:simpleType>

```

```

        <xsd:enumeration value="grouped">
            <xsd:annotation>
                <xsd:documentation>Grouped</xsd:documentation>
            </xsd:annotation>
        </xsd:enumeration>
    </xsd:restriction>
</xsd:simpleType>
<xsd:element name="DataCoverageURI" type="xsd:anyURI">
    <xsd:annotation>
        <xsd:documentation>A detailed (annual) data-coverage can be found online at
http://www.XX-office.org/coverage/27.1.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
<xsd:element name="DocumentTotalQuantity" type="xsd:nonNegativeInteger">
    <xsd:annotation>
        <xsd:documentation>Total number of documents according to a particular kind
code.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
<xsd:element name="EndRangeNumber" type="xsd:string">
    <xsd:annotation>
        <xsd:documentation>End number of a publication number
range</xsd:documentation>
    </xsd:annotation>
</xsd:element>
<xsd:element name="ExceptionCode" type="pat:ExceptionCodeType">
    <xsd:annotation>
        <xsd:documentation>Exception code as indicated in WIPO
ST.37</xsd:documentation>
    </xsd:annotation>
</xsd:element>
<xsd:element name="ExceptionCodeCoverage" type="pat:ExceptionCodeCoverageType">
    <xsd:annotation>
        <xsd:documentation>Data coverage summary by exception cited within a search
report is relevant to.</code including total quantity of documents.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
<xsd:complexType name="ExceptionCodeCoverageType">
    <xsd:sequence maxOccurs="unbounded">
        <xsd:element ref="pat:ExceptionCode"/>
        <xsd:element ref="pat:DocumentTotalQuantity"/>
    </xsd:sequence>
</xsd:complexType>
<xsd:element name="ExceptionCodeDefinition" type="pat:ExceptionCodeDefinitionType">
    <xsd:annotation>
        <xsd:documentation>IPO specific use of publication exception code
definition</xsd:documentation>
    </xsd:annotation>
</xsd:element>
<xsd:complexType name="ExceptionCodeDefinitionType">
    <xsd:sequence>
        <xsd:element ref="pat:ExceptionCode"/>
        <xsd:element ref="pat:ExceptionCodeDescriptionText"/>
    </xsd:sequence>
</xsd:complexType>
<xsd:element name="ExceptionCodeDescriptionText" type="xsd:string">
    <xsd:annotation>
        <xsd:documentation>Exception code description text</xsd:documentation>
    </xsd:annotation>
</xsd:element>
<xsd:element name="ExceptionCodeList" type="pat:ExceptionCodeListType">
    <xsd:annotation>
        <xsd:documentation>IPO specific use of publication exception
codes</xsd:documentation>
    </xsd:annotation>

```

```

</xsd:element>
<xsd:complexType name="ExceptionCodeListType">
  <xsd:sequence maxOccurs="unbounded">
    <xsd:element ref="pat:ExceptionCodeDefinition"/>
  </xsd:sequence>
</xsd:complexType>
<xsd:simpleType name="ExceptionCodeType">
  <xsd:restriction base="xsd:token">
    <xsd:enumeration value="C">
      <xsd:annotation>
        <xsd:documentation>Defective publication documents
</xsd:documentation>
      </xsd:annotation>
    </xsd:enumeration>
    <xsd:enumeration value="D">
      <xsd:annotation>
        <xsd:documentation>The document was deleted after the
publication</xsd:documentation>
      </xsd:annotation>
    </xsd:enumeration>
    <xsd:enumeration value="E">
      <xsd:annotation>
        <xsd:documentation>Publication number allocated by the IPO
representing a PCT national/regional phase entry (for example Euro-PCT). No corresponding
document published. A Euro-PCT application is an international (PCT) patent application
that entered the European regional phase.
</xsd:documentation>
      </xsd:annotation>
    </xsd:enumeration>
    <xsd:enumeration value="M">
      <xsd:annotation>
        <xsd:documentation>Published document is
missing</xsd:documentation>
      </xsd:annotation>
    </xsd:enumeration>
    <xsd:enumeration value="N">
      <xsd:annotation>
        <xsd:documentation>The use of codes "N" should refer to the IPO
definition file</xsd:documentation>
      </xsd:annotation>
    </xsd:enumeration>
    <xsd:enumeration value="P">
      <xsd:annotation>
        <xsd:documentation>Document available only on
paper</xsd:documentation>
      </xsd:annotation>
    </xsd:enumeration>
    <xsd:enumeration value="R">
      <xsd:annotation>
        <xsd:documentation>Reissued publication</xsd:documentation>
      </xsd:annotation>
    </xsd:enumeration>
    <xsd:enumeration value="U">
      <xsd:annotation>
        <xsd:documentation>Unknown publication number, for example,
when during compilation of the authority file one or a list of publication number(s) has
been found in the database, but the corresponding document(s) is(are) missing without known
cause. Typically this code can indicate could be a database error that requires further
analysis.</xsd:documentation>
      </xsd:annotation>
    </xsd:enumeration>
    <xsd:enumeration value="W">
      <xsd:annotation>
        <xsd:documentation>The use of codes "W" should refer to the IPO
definition file</xsd:documentation>
      </xsd:annotation>
    </xsd:enumeration>
  </xsd:restriction>
</xsd:simpleType>

```



```

        </xsd:annotation>
      </xsd:enumeration>
      <xsd:enumeration value="X">
        <xsd:annotation>
          <xsd:documentation>The use of codes "X" should refer to the IPO
definition file</xsd:documentation>
        </xsd:annotation>
      </xsd:enumeration>
    </xsd:restriction>
  </xsd:simpleType>
  <xsd:element name="FilingDate" type="com:DateType">
    <xsd:annotation>
      <xsd:documentation>The date assigned by the Patent Office that identifies
when an application meets certain criteria to qualify as having been filed. Refers to ST.9
INID Code 22.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:attribute name="groupCategory" type="pat:GroupCategoryType">
    <xsd:annotation>
      <xsd:documentation>Group Category of authority file.</xsd:documentation>
    </xsd:annotation>
  </xsd:attribute>
  <xsd:simpleType name="GroupCategoryType">
    <xsd:restriction base="xsd:token">
      <xsd:enumeration value="date">
        <xsd:annotation>
          <xsd:documentation>Date</xsd:documentation>
        </xsd:annotation>
      </xsd:enumeration>
      <xsd:enumeration value="publication-level">
        <xsd:annotation>
          <xsd:documentation>Publication level</xsd:documentation>
        </xsd:annotation>
      </xsd:enumeration>
      <xsd:enumeration value="document-kind">
        <xsd:annotation>
          <xsd:documentation>Document kind</xsd:documentation>
        </xsd:annotation>
      </xsd:enumeration>
    </xsd:restriction>
  </xsd:simpleType>
  <xsd:element name="IncorporationByReferenceIndicator" type="xsd:boolean" fixed="true">
    <xsd:annotation>
      <xsd:documentation>Indicate that a bBoolean which indicates whether an
element or part is incorporated by reference in the (international)
application</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:element name="IndicatedIPOfficeCode" type="com:ExtendedWIPOST3CodeType">
    <xsd:annotation>
      <xsd:documentation>Where the earlier application is a regional or
international application, an ST.3 code identifying a country party to the Paris Convention
or a member of the WTO for which the regional or international application was made and
which is indicated in the priority claim. Refers to ST.9 INID Code 34.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:element name="InventionSubjectMatterCategory"
type="pat:InventionSubjectMatterCategoryType">
    <xsd:annotation>
      <xsd:documentation>Describes the type of invention i.e. captured by the
published patent i.e. Design, Utility or Plant</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:simpleType name="InventionSubjectMatterCategoryType">
    <xsd:restriction base="xsd:token">

```

```
<xsd:enumeration value="Design">
  <xsd:annotation>
    <xsd:documentation>Design</xsd:documentation>
  </xsd:annotation>
</xsd:enumeration>
<xsd:enumeration value="Utility">
  <xsd:annotation>
    <xsd:documentation>Utility</xsd:documentation>
  </xsd:annotation>
</xsd:enumeration>
<xsd:enumeration value="Plant">
  <xsd:annotation>
    <xsd:documentation>Plant</xsd:documentation>
  </xsd:annotation>
</xsd:enumeration>
</xsd:restriction>
</xsd:simpleType>
<xsd:element name="KindCodeCoverage" type="pat:KindCodeCoverageType">
  <xsd:annotation>
    <xsd:documentation>Data coverage summary by kind code cited within a search
    report is relevant to, including document total quantity.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:complexType name="KindCodeCoverageType">
  <xsd:sequence maxOccurs="unbounded">
    <xsd:element ref="com:PatentDocumentKindCode"/>
    <xsd:element ref="pat:DocumentTotalQuantity"/>
  </xsd:sequence>
</xsd:complexType>
<xsd:attribute name="libraryIdentifier" type="xsd:token">
  <xsd:annotation>
    <xsd:documentation>The library-identifier attribute is intended as an
    identifying code for the library containing priority documents - to be used where offices
    support the access of the documents from many such libraries. The recommended format of
    library-identifier should be composed of a WIPO Standard ST.3 code of the operating Office
    of service or digital library, together with service (or digital library) name (optional)
    separated by a hyphen to allow for the fact that some Office may operate more than one
    library. For example, "IB-DAS" for Digital Access Service for Priority Documents run by
    WIPO.</xsd:documentation>
  </xsd:annotation>
</xsd:attribute>
<xsd:element name="MostRecentDocument" type="pat:MostRecentDocumentType">
  <xsd:annotation>
    <xsd:documentation>Most recent Provide the publication number and associated
    date for the latest patent document information included within the authority
    file.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:complexType name="MostRecentDocumentType">
  <xsd:sequence>
    <xsd:element ref="pat:PublicationNumber"/>
    <xsd:element ref="com:PublicationDate"/>
  </xsd:sequence>
  <xsd:attribute ref="com:id"/>
</xsd:complexType>
<xsd:element name="OnlineAvailablePriorityDocumentIndicator"
type="pat:OnlineAvailablePriorityDocumentIndicatorType">
  <xsd:annotation>
    <xsd:documentation>Where the priority document is made available to the
    corresponding IPO (e.g., RO or the IB) from a digital library, this indicator provides a
    reference to obtain the priority document from such digital library</xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:complexType name="OnlineAvailablePriorityDocumentIndicatorType">
  <xsd:simpleContent>
```

```

        <xsd:extension base="pat:TrueType">
            <xsd:attribute ref="pat:libraryIdentifier"/>
            <xsd:attribute ref="com:officeCode"/>
        </xsd:extension>
    </xsd:simpleContent>
</xsd:complexType>
<xsd:element name="PatentDocumentKindCodeDefinition"
type="pat:PatentDocumentKindCodeDefinitionType">
    <xsd:annotation>
        <xsd:documentation>IPO specific use of An element within the
PatentDocumentKindCodeList. Includes both the document kind of documents code and
associated definition</xsd:documentation>
    </xsd:annotation>
</xsd:element>
<xsd:complexType name="PatentDocumentKindCodeDefinitionType">
    <xsd:sequence>
        <xsd:element ref="com:PatentDocumentKindCode"/>
        <xsd:element ref="pat:PatentDocumentKindCodeDescriptionText"/>
    </xsd:sequence>
</xsd:complexType>
<xsd:element name="PatentDocumentKindCodeDescriptionText" type="xsd:string">
    <xsd:annotation>
        <xsd:documentation>IPOA description of the patent document kind code
definition used by a particular IPO.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
<xsd:element name="PatentDocumentKindCodeList"
type="pat:PatentDocumentKindCodeListType">
    <xsd:annotation>
        <xsd:documentation>IPOA list of specific use of document kind of documents
codes used by an IPO. Use of WIPO ST.16 is recommended.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
<xsd:complexType name="PatentDocumentKindCodeListType">
    <xsd:sequence maxOccurs="unbounded">
        <xsd:element ref="pat:PatentDocumentKindCodeDefinition"/>
    </xsd:sequence>
</xsd:complexType>
<xsd:element name="PatentPublicationIdentification"
type="pat:PatentPublicationIdentificationType">
    <xsd:annotation>
        <xsd:documentation>Identification of Details identifying a particular
published patent document, as part of an authority file entry. Refers to ST.9 INID Code
10.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
<xsd:complexType name="PatentPublicationIdentificationType">
    <xsd:sequence>
        <xsd:element ref="com:IPOfficeCode"/>
        <xsd:element ref="pat:PublicationNumber"/>
        <xsd:element ref="com:PublicationLanguageCode" minOccurs="0"/>
        <xsd:element ref="com:PatentDocumentKindCode" minOccurs="0"/>
        <xsd:element ref="com:PublicationDate" minOccurs="0"/>
    </xsd:sequence>
    <xsd:attribute ref="com:id"/>
</xsd:complexType>
<xsd:element name="PriorityClaimPriorityApplicationIdentification"
type="pat:PriorityClaimTypePriorityApplicationIdentificationType">
    <xsd:annotation>
        <xsd:documentation>Priority claim information Details of the priority
application which is associated with the particular authority file
entry.</xsd:documentation>
    </xsd:annotation>
</xsd:element>

```

```
<xsd:element name="PriorityClaimBagPriorityApplicationIdentificationBag"
type="pat:PriorityClaimBagTypePriorityApplicationIdentificationBagType">
  <xsd:annotation>
    <xsd:documentation>Applications in which A list of priority is
    claimed applications which are used to claim priority. Refers to ST.9 INID Code
    30.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:complexType name="PriorityClaimBagTypePriorityApplicationIdentificationBagType">
  <xsd:sequence>
    <xsd:element ref="pat:PriorityClaimPriorityApplicationIdentification"
maxOccurs="unbounded"/>
    <xsd:element ref="pat:IncorporationByReferenceIndicator" minOccurs="0"/>
  </xsd:sequence>
  <xsd:attribute ref="com:id"/>
</xsd:complexType>
<xsd:complexType name="PriorityClaimTypePriorityApplicationIdentificationType">
  <xsd:sequence>
    <xsd:element ref="com:IPOfficeCode"/>
    <xsd:element ref="com:ApplicationNumber" minOccurs="0"/>
    <xsd:element ref="com:PatentDocumentKindCode" minOccurs="0"/>
    <xsd:element ref="pat:FilingDate"/>
    <xsd:element ref="pat:IndicatedIPOfficeCode" minOccurs="0"
maxOccurs="unbounded"/>
    <xsd:element ref="pat:ApplicationFilingCategory" minOccurs="0"/>
    <xsd:choice minOccurs="0">
      <xsd:element ref="pat:RequestedPriorityDocumentIndicator"/>
      <xsd:element ref="pat:AttachedPriorityDocumentIndicator"/>
      <xsd:element ref="pat:OnlineAvailablePriorityDocumentIndicator"/>
      <xsd:element ref="com:DASAccessCode"/>
    </xsd:choice>
  </xsd:sequence>
  <xsd:attribute ref="com:id"/>
  <xsd:attribute ref="com:sequenceNumber" use="required"/>
</xsd:complexType>
<xsd:element name="PublicationDateRange" type="pat:PublicationDateRangeType">
  <xsd:annotation>
    <xsd:documentation>Publication date range cited within a search report is
    relevant to.</range over which the authority file is valid. Part of the definition file
    component.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:complexType name="PublicationDateRangeType">
  <xsd:sequence>
    <xsd:element ref="com:StartDate"/>
    <xsd:element ref="com:EndDate"/>
  </xsd:sequence>
</xsd:complexType>
<xsd:element name="PublicationNumber" type="xsd:string">
  <xsd:annotation>
    <xsd:documentation>Publication Number which identifies a particular
    patent document.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:element name="PublicationNumberRange" type="pat:PublicationNumberRangeType">
  <xsd:annotation>
    <xsd:documentation>A collection range of patent publication numbers
    cited which are included within a search report is relevant to this authority
    file.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:complexType name="PublicationNumberRangeType">
  <xsd:sequence>
    <xsd:element ref="pat:BeginRangeNumber"/>
    <xsd:element ref="pat:EndRangeNumber"/>
  </xsd:sequence>
</xsd:complexType>
</xsd:element>
```

```
        </xsd:sequence>
    </xsd:complexType>
    <xsd:element name="RequestedPriorityDocumentIndicator" type="xsd:boolean"
fixed="true">
    <xsd:annotation>
        <xsd:documentation>The A Bboolean which indicates that the receiving office
is (RO) has been requested to prepare and transmit to the IB a certified copy of the
earlier application</xsd:documentation>
    </xsd:annotation>
</xsd:element>
    <xsd:simpleType name="TrueType">
        <xsd:restriction base="xsd:boolean">
            <xsd:pattern value="true"/>
        </xsd:restriction>
    </xsd:simpleType>
</xsd:schema>
```

[附件和文件完]